Engi 9605, Water and Wastewater Treatment
Paper due Thursday, February 14, 2019 at 9:00 am
Presentations on Thursday March 7 and 21, PowerPoint slides due 5:00 pm Wednesday

Paper Details

Select a paper topic that is related to sustainable water treatment, sustainable wastewater treatment, sustainable water supply, sustainable water management, sustainable wastewater management or sustainable sludge management and where you will learn something new. The paper topic should be precise and not too general or overlapping with the course notes.

Ensure beforehand that you can find some suitable and recent English language journal papers that you can use to research your topic. Include 2018 and 2017 papers and aim to have most references published from 2014 to 2019. Except for preliminary searches and for presentation images, use caution with regards to websites. The length of your paper, excluding the list of references, should be between 1000 and 2000 words.

The Web of Science Core Collection database is one of the best databases for finding high quality journal papers. Other excellent databases include Engineering Village, Scopus and Google Scholar. Top publishers include Elsevier, Society publishers, and Wiley. The reference librarian assigned to Engineering is Ms. Erin Alcock (ekalcock@mun.ca 864-8316). The second librarian you could contact would be Ms. Megan Gambsy (mgamsby@mun.ca 864-3159).

Use the reader friendly Arial 12pt font, single spacing and 1 inch margins. Follow the referencing style of the APA Style Guide found through the "Style Guides: MLA APA" link under "Popular" on the left side of Library Home page.

The paper should have your name on it and needs to include a title, introduction, discussion and conclusions sections, and a list of references. The discussion section may contain subsections. The WORD file for your final paper submission should be saved using a title that begins with the course number and your name. (Similarly, the PowerPoint file of your presentation should be saved using a title that begins with the course number and your name.)

In your paper explain how any table or figure was obtained. For a table this can be by giving the references in the last column or in footnotes. At the end of a Table or Figure caption, in brackets say "adapted from …" or "redrawn from …" or "photograph by author". If a very large number of references are used to create a single figure or table, this information can also be given in the text. Table captions are above tables and figure captions are below figures.

Also note these important points with regards to referencing:

1) The conclusions is for summarizing the main points and no new references are cited. Material summarized at the end is reworded a) to enhance the reader's understanding, b) to be concise and c) to prevent self-plagiarism.

2) Cite frequently and for your own ideas you can say "The author thinks …"

3) Except in the conclusions section, each paragraph needs at least one reference.

4) You only cite the references you have read yourself.

If you are unsure of anything consult with the Professor or Graduate Assistant beforehand. The comments you receive on your preliminary submission will help you with your final submission

Deliverables

Date	Worth	Description
As soon as possible		Let the Professor know before or after class what topic you will choose, to obtain approval.
Jan. 17, Thursday, 9:00 am (in 2 weeks)	10%	Submit two hard copies of a document (double sided if possible) containing 1) your name and paper title, 2) 300 to 500 words of your <u>findings</u> to date with at least three journal papers cited, and 3) references listed according to the APA Style and showing the database used and the number of citations Submit a hard copy of one reference showing study marks and notes on the paper
Feb. 12, Tuesday, 9:00 am (in 5.5 weeks)	90%	Email the Professor and Teaching Assistant a <u>WORD</u> document of the completed paper.

Marks will be for: technical content, sustainability, originality, and academic integrity
readability, organization, clarity, cohesiveness, appearance
following instructions (font, margins, APA Style), correct referencing
quality of the references used

Plagiarized content could result in a zero grade.